

Title (en)

NOZZLE STATE OR TYPE IDENTIFICATION IN A METAL MACHINING APPARATUS

Title (de)

DÜSENZUSTANDS- ODER TYPENIDENTIFIZIERUNG BEI EINER METALLBEARBEITUNGSANLAGE

Title (fr)

IDENTIFICATION D'ÉTAT OU DE TYPE DE BUSE DANS UN APPAREIL D'USINAGE DE MÉTAL

Publication

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Application

**EP 19835273 A 20191218**

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- EP 2019085963 W 20191218

Abstract (en)

[origin: WO2020127492A1] The present invention relates to a metal machining apparatus (100) having a gas nozzle (101) for generating a gas jet and having a nozzle exit opening (131) on one end on the outside; an electronic camera (103) for acquiring a digital image (105) of the end of the gas nozzle (101) with the nozzle exit opening (131); and a pattern recognition module (115) for mapping the digital image (105) to at least one nozzle pattern from the group of nozzle state (109-1, 109-2, 109-3) and/or nozzle type.

IPC 8 full level

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